and said substrate cooperate to restrict transmission of oxygen and water vapor from said outer environment to said OLED display area; and

a patterned getter layer disposed between said substrate and said cover, said patterned getter layer being configured so as to substantially avoid obstructing said transmission of light that is permitted by said cover from said one or more pixels to said outer environment.

14. (Amended) The OLED device structure of claim 1, wherein said anode region is disposed under said light-emitting region, and wherein said cathode is disposed over said light-emitting region and permits transmission of light between said light-emitting region and said outer environment.

15. (Amended) The OLED device structure of claim 1, wherein said cathode region is disposed under said light-emitting region, and wherein said anode is disposed over said light-emitting region and permits transmission of light between said light-emitting region and said outer environment.

17. (Amended) A method of making an OLED device structure comprising:

providing a substrate;

forming an OLED display area over said substrate, said OLED display area comprising one or more active pixels, each of said one or more active pixels comprising an anode region, a cathode region and a light-emitting region;

providing a cover over said OLED display area, wherein said cover permits transmission of light from said one or more active pixels to an outer environment, and wherein said cover and said substrate cooperate to restrict transmission of oxygen and water vapor from said outer environment to said OLED display area; and

providing a patterned getter layer between said substrate and said cover, said patterned getter layer being configured so as to substantially avoid obstructing said transmission of light that is permitted by said cover from said one or more pixels to said outer environment.

21. (Amended) An organic optoelectronic device structure comprising:

a substrate;

an organic optoelectronic device selected from an organic phototransistor, an organic photodetector, and an organic photovoltaic device disposed over said substrate;

a cover over said organic optoelectronic device, wherein said cover permits transmission of light between an outer environment and said organic optoelectronic device, and wherein said cover and said substrate cooperate to restrict transmission of oxygen and water vapor from said outer environment to said organic optoelectronic device; and

a patterned getter layer disposed between said substrate and said cover, said patterned getter layer being configured so as to substantially avoid obstructing said transmission of light that is permitted by said cover between said outer environment and said organic optoelectronic device.

REMARKS

A. Status of the Claims

Claims 1-32 are pending herein. A separate sheet entitled "**Version with Markings to Show Changes Made**" is provided to illustrate the amendment of claims 1, 14, 15, 17 and 21. Claims that are not amended in this response are also included for the Examiner's convenience.

The amendments to claims 1, 17 and 21 make explicit what was previously implicit in these claims--that the patterned getter layer is configured so as to substantially avoid obstructing the transmission of the light that is permitted by the cover between the outer environment and the organic optoelectronic device.

B. Response to Office Action

1. Rejection of claims 9-11 and 29-31under 35 U.S.C. 112, second paragraph

Claim 9-11 and 29-31 are rejected under 35 U.S.C. 112, second paragraph, as indefinite.